



PTO/SB/01 (10-01)

Approved for use through 10/31/2002. OMB 0651-0032

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**DECLARATION FOR UTILITY OR
DESIGN
PATENT APPLICATION**
(37 CFR 1.63)

Declaration Submitted with Initial Filing OR Declaration Submitted after Initial Filing (surcharge (37 CFR 1.16 (e)) required)

Attorney Docket Number	06816.0505
First Named Inventor	B. Lockyear
COMPLETE IF KNOWN	
Application Number	10 / 642,885
Filing Date	08/18/03
Art Unit	
Examiner Name	

As the below named inventor, I hereby declare that:

My residence, mailing address, and citizenship are as stated below next to my name.

I believe I am the original and first Inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

Method and Apparatus For Solving Constraints

(Title of the Invention)

the specification of which

 is attached hereto

OR

 was filed on (MM/DD/YYYY) 08/18/03 as United States Application Number or PCT InternationalApplication Number 10 / 642,885 and was amended on (MM/DD/YYYY) (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached? YES	Certified Copy Attached? NO
			<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

 Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

(Customer No. 000035795)

[Page 1 of 2]

(App. No. 10/642,885)

Burden Hour Statement: This form is estimated to take 21 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

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DECLARATION — Utility or Design Patent Application

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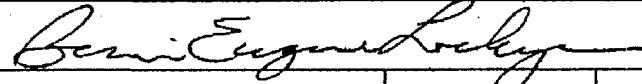
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Fax

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

NAME OF SOLE OR FIRST INVENTOR : A petition has been filed for this unsigned inventor

Given Name **Brian Eugene**
(first and middle [if any]) Family Name **Lockyear**
or Surname

Inventor's
Signature

Date **3/8/04**Portland
Residence: CityOR
StateU.S.A.
CountryU.S.A.
Citizenship

3045 NW Thurman Street

Mailing Address

Portland
CityOR
State97210
ZIPU.S.A.
Country

NAME OF SECOND INVENTOR: A petition has been filed for this unsigned inventor

Given Name **James Herbert**
(first and middle [if any]) Family Name **Kukula**
or Surname

Inventor's
Signature

Date **3/8/04**Hillsboro
Residence: CityOR
StateU.S.A.
CountryU.S.A.
Citizenship

3027 NW Overlook Dr Apt 913

Mailing Address

Hillsboro
CityOR
State97124
ZIPU.S.A.
Country

Additional Inventors are being named on the **1** supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto.

(Attorney Docket No. 06816.0505)

[Page 2 of 2]

(App. No. 10/642,885)

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PTO/SB/02A (11-00)

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DECLARATION
ADDITIONAL INVENTOR(S)
 Supplemental Sheet
 Page 1 of 1

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any])		Family Name or Surname	
Robert F.		Damiano	
Inventor's Signature	<i>Robert F. Damiano</i>		3/8/04 Date
Residence: City	State	U.S.A. Country	U.S.A. Citizenship
Lake Oswego OR U.S.A.			
Mailing Address 2650 Lookout Court			
Mailing Address			
City Lake Oswego		State OR	ZIP 97034 Country U.S.A.
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any])		Family Name or Surname	
Carl Preston		Pixley	
Inventor's Signature	<i>Carl Preston Pixley</i>		8 March 2004 Date
Residence: City	State	U.S.A. Country	U.S.A. Citizenship
Mailing Address 16670 NW Mission Oaks Drive			
Mailing Address			
City Beaverton		State OR	ZIP 97006 Country U.S.A.
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any])		Family Name or Surname	
Inventor's Signature			
Residence: City	State	Country	Citizenship
Mailing Address			
Mailing Address			
City	State	ZIP	Country

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(Customer No. 35795; App. No. 10/642,885)

(Attorney Docket No. 06816.0505)

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MARCH 31, 2004



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*700074258A3

JONATHAN T. KAPLAN
140 NASSAU STREET
NEW YORK, NY 10038

PTAS

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BRIEF: ASSIGNMENT OF ASSIGNEE'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

DOC DATE: 03/02/2004

ASSIGNOR:

DOC. DATE: 01/16/2004

ASSIGNOR:

DOC. DATE: 03/11/2004

ASSIGNOR:

DOC. DATE: 03/04/2004

ASSIGNEE:
SYNOPSYS, INC.
700 EAST MIDDLEFIELD ROAD
MOUNTAIN VIEW, CALIFORNIA 94041

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014461/0006 PAGE 2

SERIAL NUMBER: 10642885
PATENT NUMBER:

ISSUING DATE: 08/18/2003
ISSUE DATE:

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To: Page 4 of 12

2004-03-25 18:37:09 (GMT)

19175912977 From: Jonathan Kaplan

03/25/2004
700074258

APR 19 2004

Form PTO-1595
(Rev. 10/02)

OMB No. 0651-0027 (exp. 6/30/2005)

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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Brian Eugene Lockyear

James Herbert Kukula

Robert F. Damiano

Carl Preston Pixley

Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies):

Name: Synopsys, Inc.

Internal Address:

Street Address:

700 East Middlefield Road

Mountain View 94043

City: _____ State: CA Zip: _____

Execution Date: 03/02/04; 01/16/04; 02/11/04; 03/04/04

Additional name(s) & address(es) attached? Yes No

4. Application number(s) or patent number(s): App. No. 10/642,885 filed 08/18/03

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Jonathan T. Kaplan

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41) \$ 40.00

 Enclosed Authorized to be charged to deposit account

8. Deposit account number:

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Jonathan T. Kaplan, Reg. No. 38,935

Signature

03/25/04

Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments, and documents: 9Mail documents to be recorded with required cover sheet information to:
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Washington, D.C. 20231

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Statement By Inventor To Be Added, In Accordance
With 37 CFR 1.48(a)(2)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Re: U.S. Non-Provisional Utility Patent Application
Appl. No. 10/642,885 / Filed: August 18, 2003
Title: Method and Apparatus for Solving Constraints
Inventors: Brian E. Lockyear et al.
Attorney Docket: 06816.0505

Sir:

The omission of myself as an inventor, for the above-identified patent application, occurred without deceptive intent on my part.

Respectfully submitted,

Signed: Carl Preston Pixley
Carl Preston Pixley

Dated: 4 March 2004

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